

## ABSTRACT OF THE DISCLOSURE

In a vibration sensor 1 comprising a diaphragm electrode 3 having weights 7a and 7b attached to opposite surfaces thereof, a first  
5 fixed electrode 2a opposed to one surface of the diaphragm electrode 3 and a second fixed electrode 2b opposed to the other surface of the diaphragm electrode 3, the vibration sensor 1 outputs vibration signals based on signals obtained from variations of capacitance between the first fixed electrode 2a and the diaphragm electrode 3 and signals  
10 obtained from variations of capacitance between the second fixed electrode 2b and the diaphragm electrode 3.